

Abstract

Fuel Cell Manifold Cable End Clamp

A pair of reactant gas manifolds (11 and 12) on opposite sides of a fuel cell stack (7) are sealed to the fuel cells (14) and pressure plates (8) by means of pressure applied by load cables (17).

- 5 The centers of the manifolds are prevented from having leakage between them and the end plates by means of a tensioning system comprising a plurality of pins (22) extending outwardly from the ends of the manifolds, and tensioning cables (23) extending around the pins in a closed loop and tensioned by a turnbuckle (24).